

REMARKS

In the final Office Action mailed on March 13, 2005, the Examiner rejected claims 1-20 under 35 U.S.C. § 103(a) over U.S. Patent No. 5,842,196 to Agarwal et al. ("Agarwal") in view of U.S. Patent No. 5,842,020 to Faustini ("Faustini"). Applicants herein amend claims 1, 3, 6, 7 and 9. Claims 1-20 are pending. Applicants respectfully traverse the Examiner's rejections. Further examination and review in view of the amendments and remarks below are respectfully requested.

Applicants' techniques are directed to a client server system having a thin client interface, an application server, and an object manager interposed between the thin client and the application server. The object manager is a multi-tasking, multi-thread object manager that is capable of handling requests from multiple clients by maintaining the status of each client in a separate object manager thread.

All of the claims stand rejected over Agarwal in view of Faustini. Agarwal describes a client server database system with improved methods for performing record updates. The described method updates records in a manner which allows a substantial portion of the work to be performed in direct mode whenever possible. In direct mode, the update of the record is performed in a linear fashion (i.e., in one pass). According to Agarwal, updating records in direct mode avoids the inefficiency of re-reading records, as is required in a deferred update approach which requires two passes.

All of Applicants' claims recite an object manager interposed between a client and an application server, where the object manager is operable to handle requests from multiple thin clients by maintaining a status of each client in a corresponding object manager thread. In rejecting the claims, the Examiner conceded that "Agarwal does not specifically mention said application server comprising one or more business objects, and business components," but asserted that "Faustini mentions business application objects and components (Faustini Col 8 Lines 12-57)," and that "it would have been obvious to one of ordinary skill in the art at the time of the invention to apply Faustini to Agarwal, providing

Agarwal the benefit of including servers having business objects and components which would be supported by numerous companies as taught by Faustini Col 8 Lines 40-45."

Applicants respectfully disagree. Faustini does not disclose, suggest or teach an object manager interposed between a client and an application server, where the object manager is operable to handle requests from multiple thin clients by maintaining a status of each client in a corresponding object manager thread. Faustini merely describes defining an editor window according to predetermined class templates to allow users to make changes to a component's properties when the component is instantiated. (col. 5, lines 23-33.) The passage of Faustini cited by the Examiner as disclosing an object manager interposed between a client and an application server provides a general discussion of the emergence of Sun's Java as a programming language capable of tackling the most sophisticated business applications, and Microsoft's ActiveX as a competing technology to Java. (col. 8, lines 12-57.) The mere description of Java as a suitable programming language for writing business applications does not constitute a disclosure, suggestion or teaching of an object manager interposed between a client and an application server. Moreover, Applicants can find in Faustini no disclosure or suggestion of the object manager handling requests from multiple thin clients by maintaining a status of each client in a corresponding object manager thread.

Conclusion

In view of the foregoing, Applicants respectfully submit that claims 1-20 are allowable and ask that this application be passed to allowance. If the Examiner has any questions or believes a telephone conference would expedite prosecution of this application, the Examiner is encouraged to call the undersigned at (206) 359-8000.

Dated:

September 14, 2005

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